

Yiming Yao, Ph.D.

Yiming Yao is experienced in modeling, simulation and optimization of complex systems such as communication networks and power grids. Since joining Lawrence Livermore National Laboratory in 2002, he has developed parallel optimization algorithms for clustering large-scale graphs and built stochastic optimization models for unit commitment and economic dispatch in power grid planning and scheduling. Prior to joining the Lab, he worked in the communications/networking industry, focusing on network simulation and performance optimization. He has developed efficient algorithms for solving many challenging problems and written software on various platforms, from desktops to supercomputers. He obtained his bachelor's degree in Electrical Engineering from Dalian Institute of technology and PhD in Operations Research from University of Texas at Austin.